

**ABSTRACT OF THE DISCLOSURE**

A system for providing computing functions to a user, the system comprising: an access controller, a trans-media controller, and at least one computing output device, the access controller being configured to be controlled by the user so as to permit the user to selectively establish an access communication connection with the trans-media controller, and to communicate with the trans-media controller through the access communication connection, the trans-media controller being configured to perform at least one computing function in response to a communication from the access controller via the access communication connection, generate an output of said computing function, selectively establish a distribution communication connection with a target computing output device; and to transmit the output to the target computing output device; and each of the computing output devices being configured to form a distribution communication connection with the trans-media controller, receive the output from the trans-media controller via the distribution communication connection; and to actualize the output for the user.